

Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	Application No.:
	CISCP178C2/8348	NEW
	Applicant:	10/665,838
	Filing Date	Group 2157
	HEREWITH	UNASSIGNED

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	A1	Re. 33,900	04/28/92	Howson	370	105	07/31/89
	A2	4,131,767	12/26/78	Weinstein	179	170.2	2/22/78
	A3	4,161,719	07/19/79	Parikh, et al	340	147	10/04/77
	A4	4,316,284	02/16/82	Howson	370	147	09/11/80
	A5	4,397,020	08/02/83	Howson	370	105	10/13/80
	A6	4,419,728	12/06/83	Larson	364	200	06/22/81
	A7	4,424,565	01/03/84	Larson	364	200	06/22/81
	A8	4,437,087	03/12/84	Petr	340	347 DD	01/27/82
	A9	4,438,511	3/20/84	Baran	370	19	11/10/80
	A10	4,439,763	03/27/84	Limb	340	825.5	09/03/81
	A11	4,445,213	04/24/84	Baugh, et al	370	94	01/22/82
	A12	4,446,555	05/01/84	Devault, et al	370	94	02/22/82
	A13	4,456,957	06/26/84	Scheiltz	364	200	09/28/81
	A14	4,464,658	08/07/84	Thelen	340	825.5	03/05/82
	A15	4,499,576	02/12/85	Fraser	370	60	08/12/82
	A16	4,506,358	03/19/85	Montgomery	370	60	06/25/82
	A17	4,507,760	03/26/85	Fraser	365	221	08/13/82
	A18	4,532,626	07/30/85	Flores, et al	370	85	07/19/82
	A19	4,644,532	02/17/87	George, et al	370	94	06/10/85
	A20	4,646,287	02/24/87	Larson, et al	370	60	12/07/84
	A21	4,677,423	06/30/87	Benvenuto, et al	340	347	01/06/86
	A22	4,679,189	07/87	Olsen, et al	370	60	
	A23	4,679,227	07/07/87	Hughes-Hartogs	379	98	05/20/85
	A24	4,723,267	02/02/88	Jones, et al	379	93	06/17/85
	A25	4,731,816	03/15/88	Hughes-Hartogs	379	98	01/12/87
	A26	4,750,136	06/07/88	Arpin, et al	364	514	01/10/86
	A27	4,757,495	07/12/88	Decker, et al	370	76	03/05/86
	A28	4,763,191	08/09/88	Gordon, et al	358	86	03/17/86
	A29	4,769,810	09/06/88	Eckberg Jr., et al	370	60	12/31/86
	A30	4,769,811	09/06/88	Eckberg Jr., et al	370	60	12/31/86
Examiner <i>M. Meltz</i>				Date Considered <i>1-31-2005</i>			

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	A31	4,771,425	09/13/88	Baran, et al	370	85	10/29/84
	A32	4,819,228	04/04/89	Baran, et al	370	85	10/15/87
	A33	4,827,411	05/02/89	Arrowood, et al			
	A34	4,833,706	05/23/88	Hughes-Hartogs	379	98	01/05/88
	A35	4,835,737	05/30/89	Herrig, et al	364	900	07/21/86
	A36	4,879,551	11/07/89	Georgiou, et al	340	825.870	04/26/85
	A37	4,893,306	01/09/90	Chao, et al	370	94.2	11/10/87
	A38	4,903,261	02/20/90	Baran, et al	370	94.2	03/09/88
	A39	4,922,486	05/01/90	Lidinsky, et al	370	60	03/31/88
	A40	4,933,937	06/12/90	Konishi	370	85.13	11/23/87
	A41	4,960,310	10/02/90	Cushing	350	1.7	08/04/89
	A42	4,962,497	10/09/90	Ferenc, et al	370	60.1	09/21/89
	A43	4,962,532	10/09/90	Kasiraj, et al	380	25	12/22/88
	A44	4,965,772	10/23/90	Daniel, et al			
	A45	4,965,767	10/90	Kinoshita, et al			
	A46	4,970,678	11/13/90	Sladowski, et al	364	900	06/28/88
	A47	4,980,897	12/25/90	Decker, et al	375	38	08/12/88
	A48	4,991,169	02/05/91	Davis, et al	370	77	08/02/88
	A49	5,003,595	03/26/91	Collins, et al	380	25	08/29/89
	A50	5,014,265	05/07/91	Hahne, et al	370	.60	11/30/89
	A51	5,020,058	05/28/91	Holden, et al	370	190	01/23/89
	A52	5,033,076	07/16/91	Jones, et al	379	67	01/31/90
	A53	5,034,919	07/91	Sassai, et al			
	A54	5,054,034	10/01/91	Hughes-Hartogs	375	8	06/15/89
	A55	5,059,925	10/22/91	Weisbloom	331	1A	09/28/90
	A56	5,072,449	12/10/91	Enns, et al	371	37.1	02/15/90
	A57	5,088,032	02/11/92	Bosak	395	200	01/29/88
	A58	5,095,480	03/92	Fenner	370	94.1	
	A59	5,115,431	05/19/92	Williams, et al	370	94.1	09/28/90
	A60	5,128,945	07/07/92	Enns, et al	371	37.1	10/31/91
Examiner	<i>M. McPh</i>			Date Considered	<i>1-31-2005</i>		

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	A61	5,136,580	08/04/92	Vidlock, et al	370	60	05/16/90
	A62	5,166,930	11/24/92	Braff, et al	370	94.1	12/17/90
	A63	5,199,049	03/30/93	Wilson	375	104	04/27/90
	A64	5,206,886	04/27/93	Bingham	275	97	04/16/90
	A65	5,208,811	05/04/96	Kashio, et al			
	A66	5,212,686	05/18/93	Joy, et al	370	60	09/29/89
	A67	5,224,099	06/29/93	Corbalis, et al	370	94.2	05/17/91
	A68	5,226,120	07/06/93	Brown, et al	395	200	05/21/90
	A69	5,228,062	07/13/93	Bingham	375	97	05/27/92
	A70	5,229,994	07/20/93	Balzano, et al	370	85.13	09/27/91
	A71	5,237,564	08/17/93	Lespagnol, et al	370	60.1	04/05/91
	A72	5,241,682	08/31/93	Bryant, et al	395	800	04/18/91
	A73	5,243,342	09/07/93	Kattemalalavadi, et al	341	106	07/22/92
	A74	5,243,596	09/07/93	Port, et al	370	94.1	03/18/92
	A75	5,247,516	09/21/93	Bernstein, et al	370	82	03/28/91
	A76	5,249,178	09/28/93	Kurano, et al	370	60	07/26/91
	A77	5,253,251	10/12/93	Aramaki			
	A78	5,255,291	10/19/93	Holden, et al	375	111	11/14/88
	A79	5,260,933	11/09/93	Rouse	370	14	05/15/92
	A80	5,260,978	11/09/93	Fleisher, et al	375	106	10/30/92
	A81	5,268,592	12/07/93	Bellamy, et al	307	94.1	02/26/91
	A82	5,268,900	12/07/93	Hluchyi, et al	370	94.1	07/05/91
	A83	5,271,004	12/14/93	Proctor, et al	370	60	08/27/91
	A84	5,274,631	12/28/93	Bhardwaj	370	60	03/11/91
	A85	5,274,635	12/28/93	Rahman, et al	370	60.1	11/18/92
	A86	5,274,643	12/28/93	Fisk	370	94.1	12/11/92
	A87	5,280,470	01/18/94	Buhrke, et al	370	13	02/03/93
	A88	5,280,480	01/18/94	Pitt, et al	370	85.13	02/21/91
	A89	5,280,500	01/18/94	Mazzola, et al	375	17	10/10/91
	A90	5,283,783	02/01/94	Nguyen, et a;	370	16.1	01/28/93
	A91	5,287,103	02/15/94	Kasprzyk, et al	340	825.52	12/30/91
Examiner	M. McHy			Date Considered 1-31-2005			

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	A92	5,287,453	02/94	Roberts	395	200	
	A93	5,291,482	03/01/94	McHarg, et al	370	60	07/24/92
	A94	5,305,311	04/19/94	Lyles	370	60	05/20/92
	A95	5,307,343	04/26/94	Bostica, et al	370	60	11/27/90
	A96	5,311,509	05/10/94	Heddes, et al			
	A96	5,313,454	05/17/94	Bustini, et al	370	13	04/01/92
	A97	5,313,582	05/17/94	Hendal, et al	395	250	04/30/91
	A98	5,317,562	05/31/94	Nardin, et al	370	16	05/07/93
	A99	5,319,644	06/07/94	Liang	370	85.5	08/21/92
	A100	5,327,421	07/05/94	Hiller, et al	370	60.1	11/06/92
	A101	5,331,637	07/19/94	Francis, et al	370	54	07/30/93
	A102	5,345,445	09/06/94	Hiller, et al	370	60.1	11/06/92
	A103	5,345,446	09/06/94	Hiller, et al	370	60.1	11/06/92
	A104	5,359,592	10/25/94	Corbalis, et al	370	17	06/25/93
	A105	5,361,250	11/01/94	Nguyen, et al	370	16.1	11/03/93
	A106	5,361,256	11/01/94	Doeringer, et al	370	60	05/27/93
	A107	5,361,259	11/01/94/	Hunt, et al	370	84	02/19/93
	A108	5,365,524	11/15/94	Hiller, et al	370	94.2	11/06/92
	A109	5,367,517	11/22/94	Cidon, et al	370	54	12/16/92
	A110	5,371,852	12/06/94	Attanasio, et al	395	200	10/14/92
	A111	5,386,567	01/31/95	Lien, et al	395	700	10/14/92
	A112	5,390,170	02/14/95	Sawant, et al	370	58.1	06/29/93
	A113	5,390,175	02/14/95	Hiller, et al	370	60	12/20/93
	A114	5,394,394	02/28/95	Crowther, et al	370	60	06/24/93
	A115	5,394,402	02/28/95	Ross	370	94.1	06/10/94
	A116	5,400,325	03/21/95	Chatwani, et al	370	60.1	06/29/93
	A117	5,408,469	04/18/95	Opher, et al	370	60.1	06/22/93
	A118	5,416,842	05/16/95	Aziz	380	30	06/10/94
	A119	5,422,880	06/06/95	Heitkamp, et al	370	60	04/05/93
	A120	5,422,882	06/06/95	Hiller, et al	370	60.1	12/20/93
Examiner	<i>M. McHy</i>			Date Considered <i>1-31-2005</i>			

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M. N. S.	A121	5,423,002	06/06/95	Hart	395	200	02/28/94
	A122	5,426,636	06/20/95	Hiller, et al	370	60.1	12/20/93
	A123	5,428,607	06/27/95	Hiller, et al	370	60.1	12/20/93
	A124	5,430,715	07/04/95	Corbalis, et al	370	54	09/15/93
	A125	5,442,457	08/15/95	Najafi Hamid	385	400	01/11/93
	A126	5,442,630	08/15/95	Gagliardi, et al	370	85.13	12/14/93
	A127	5,452,297	09/19/95	Hiller, et al	370	60.1	12/20/93
	A128	5,473,599	12/05/95	Li, et al	370	16	04/22/94
	A129	5,473,607	12/05/95	Hausman, et al	370	85.13	08/09/93
	A130	5,477,541	12/19/95	White, et al			
	A131	5,485,455	01/16/96	Dobbins, et al			
	A132	5,490,140	02/06/96	Abensour, et al			
	A133	5,490,258	02/96	Fenner	395	401	
	A134	5,491,687	02/13/96	Christensen, et al	370	17	09/28/94
	A135	5,491,804	02/13/96	Heath, et al	395	275	01/04/91
	A136	5,497,368	03/05/96	Reijnierse, et al			
	A137	5,504,747	04/02/96	Sweasey			
	A138	5,509,006	04/16/96	Wilford, et al	370	60	04/18/94
	A139	5,513,314	04/99	Kandasamy, et al	214	6	
	A140	5,517,494	05/14/96	Green			
	A141	5,519,704	05/21/96	Farinacci, et al	370	85.13	04/21/94
	A142	5,526,489	06/11/96	Nilakantan, et al	395	200.02	03/19/93
	A143	5,530,963	06/25/96	Moore, et al	395	200.15	12.16.93
	A144	5,535,195	07/09/96	Lee	370	54	05/06/94
	A145	5,539,734	07/223/96	Burwell, et al			
	A146	5,555,244	09/10/96	Gupta, et al			
	A147	5,561,669	10/01/96	Lenney, et al	370	60.1	10/26/94
	A148	5,583,862	12/20/96	Callon	370	397	03/28/95
	A149	5,592,470	01/07/97	Rudrapatna, et al	370	320	12/21/94
	A150	5,598,581	01/28/97	Daines, et al	395	872	08/06/93
Examiner	M. N. S.			Date Considered 1-31-2005			

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	A151	5,598,532	01/23/97	Liron	709	220	
	A152	5,600,798	02/04/97	Cherukuri, et al			
	A153	5,602,770	02/97	Ohira			
	A154	5,604,868	02/18/97	Komine, et al			
	A155	5,608,726	03/04/97	Virgile			
	A156	5,617,417	04/01/97	Saithe, et al	370	394	09/07/94
	A157	5,617,421	04/01/97	Chin, et al	370	402	06/17/94
	A158	5,630,125	05/97	Zellweger	395	614	
	A159	5,631,908	05/20/97	Saxe			
	A160	5,632,021	05/20/97	Jennings, et al	395	309	10/25/95
	A161	5,634,010	10/21/94	Ciscon, et al	395	200.68	
	A162	5,638,359	06/10/97	Peltola, et al			
	A163	5,644,718	11/10/94	Belove, et al	395	200.68	
	A164	5,659,684	08/19/97	Giovannoni, et al			
	A165	5,666,353	09/09/97	Klausmeier, et al			
	A166	5,673,265	09/30/97	Gupta, et al			
	A167	5,678,006	10/14/97	Valizadeh, et al			
	A168	5,684,797	11/97	Aznar, et al	370	390	
	A169	5,687,324	11/11/97	Green, et al			
	A170	5,689,506	11/97	Chiussu, et al	370	388	
	A171	5,694,390	12/21/97	Yamato, et al			
	A172	5,724,351	03/03/98	Chao, et al			
	A173	5,740,097	04/98	Satch			
	A174	5,748,186	05/98	Raman	345	302	
	A175	5,748,617	05/05/98	McLain, Jr.			
	A176	5,754,547	05/19/98	Nakazawa			
	A177	5,835,710	11/0/98	Nagami, et al			
	A178	5,841,874	11/98	Kemple, et al			
	A179	5,854,903	12/29/98	Morrison et al			
	A180	5,838,912	11/98	Poon, et al	709	204	
	A181	5,898,686	04/27/99	Virgile			
	A182	5,937,162	08/99	Funk, et al	709	206	
Examiner	<i>M. Maly</i>			Date Considered	<i>1-31-2005</i>		

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Foreign Patent or Published Foreign Patent Application

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							Yes	No
MMM	B1	WO 93/07569	04/15/93	PCT	G06F 13	40	X	
MMM	B2	WO 93/07692	04/15/93	PCT	H04J3	24	X	
MMM	B3	WO 94/01828	01/20/94	PCT	G06F 15	40	X	
MMM	B4	0/567 217 A2	10/27/93	EPO	H04L 12	46	X	
MMM	B5	WO 95/20850	08/03/95	PCT	H04L 12	63	X	
MMM	B6	0 431 751 A1	11/02/90	EPO	H04L 12	46	X	
MMM	B7	0 384 758	02/22/90	EPO	56		X	

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MMM	C1	Allen, M. "Novell IPX Over Various Wan Media (IPXWAN)", Network Working Group, RFC 1551, December 1993, pp. 1-22
MMM	C2	Becker D., "3c589.c: A 3c589 Etherlink3 Ethernet Driver For Linux", becccker@CESDIS.gsfc.nasa.gov, May 3, 1994, pp.1-13
MMM	C3	Pei, et al., "Putting Routing Tables in Silicon", IEEE Network Magazine, January 1992, pp. 42-50
MMM	C4	Perkins, D., "Requirements for an Internet Standard Point-to-Point Protocol", Network Working Group, RFC 1547, December 1993, pp. 1-19
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MMM	C5	Simpson, W., " <i>The Point-to-Point Protocol (PPP)</i> ", Network Working Group, RFC 1548, December 1993, pp. 1-53
MMM	C6	Tusuchiya, P.F., " <i>A Search Algorithm for Table Entries with NonContiguous Wildcarding</i> ", Abstract, Bellcore.
MMM	C7	Esaki, et al., " <i>Datagram Delivery in an ATM-Internet</i> ", IEICE Transactions on Communications Vol. E77-B, No. 3, (1994) March, Tokyo, Japan.
MMM	C8	Chowdhury, et al., " <i>Alternative Bandwidth Allocation Algorithm for Packet Video in ATM Networks</i> ," 1992, IEEE Infocom 92, pp. 1061-1068
MMM	C9	Zhang, et al., " <i>Rate-Controlled Static-Priority Queuing</i> ", 1993, IEEE, pp. 227-236
MMM	C10	Doeringer, et al., " <i>Routing on Longest-Matching Prefixes</i> ", IBM, " <i>Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Signals</i> ", November, 1992, IBM Technical Data Bulletin n6 11-92, pp. 409-411.
MMM	C11	IBM Corporation, " <i>Method and Apparatus for the Statistical Multiplexing of Voice Data and Image Signals</i> ", IBM Technical Disclosure Bulletin, No. 6, November 1992, pp. 409-411
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